

Resource Summary Report

Generated by ASWG on Aug 9, 2026

Recombinant Anti-Glucagon antibody [EP3070]

RRID:AB_10561971

Type: Antibody

Proper Citation

Abcam Cat# ab92517, RRID:AB_10561971

Antibody Information

URL: http://antibodyregistry.org/AB_10561971

Proper Citation: Abcam Cat# ab92517, RRID:AB_10561971

Target Antigen: Glucagon

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: WB, IHC-P

Antibody Name: Recombinant Anti-Glucagon antibody [EP3070]

Description: This recombinant monoclonal targets Glucagon

Target Organism: rat, mouse, human

Clone ID: EP3070

Antibody ID: AB_10561971

Vendor: Abcam

Catalog Number: ab92517

Record Creation Time: 20250819T212838+0000

Record Last Update: 20250819T230521+0000

Ratings and Alerts

- Used for flow cytometry assay by the Human Islet Research Network community. Contact(s): [Yuval Dor](#), [Benjamin Glaser](#), [Markus Grompe](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for Recombinant Anti-Glucagon antibody [EP3070].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 30 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Fan J, et al. (2026) PDX1 phosphorylation at S61 by mTORC1 links nutrient signaling to β cell function and metabolic disease. Cell reports, 45(1), 116811.

Cao H, et al. (2026) Global Sirt5 deletion reshapes gut microbiota and impairs glucose metabolism in high-fat diet-induced obese mice. Biochemical and biophysical research communications, 795, 153095.

Sayers SR, et al. (2026) eNAMPT induces alpha-cell mass expansion but impaired glucagon counter regulatory response. Endocrinology, 167(7).

Kaylan KB, et al. (2025) 12-Lipoxygenase Inhibition Improves Glycemia and Obesity-associated Inflammation in Male Human Gene Replacement Mice. Endocrinology, 166(6).

Osonoi S, et al. (2025) CCNA2 and CCND2 are differentially involved in β -cell proliferation in perinatal Japanese autopsied subjects. The Journal of clinical endocrinology and metabolism.

Li KR, et al. (2025) Spatiotemporal and genetic cell lineage tracing of endodermal organogenesis at single-cell resolution. Cell, 188(3), 796.

Tsuno T, et al. (2025) Imeglimin suppresses glucagon secretion and induces a loss of β cell identity. Cell reports. Medicine, 6(8), 102254.

Miller A, et al. (2025) NGN3 oscillatory expression controls the timing of human pancreatic endocrine differentiation. Developmental cell.

Fang Y, et al. (2024) Cytosolic pH is a direct nexus in linking environmental cues with insulin processing and secretion in pancreatic β cells. Cell metabolism.

Thornton PS, et al. (2024) Dasiglucagon for the Treatment of Congenital Hyperinsulinism: A Randomized Phase 3 Trial in Infants and Children. The Journal of clinical endocrinology and metabolism, 109(4), 1071.

Mitchell JS, et al. (2024) CD4+ T cells reactive to a hybrid peptide from insulin-chromogranin A adopt a distinct effector fate and are pathogenic in autoimmune diabetes.

Immunity, 57(10), 2399.

Kahraman S, et al. (2023) Fluorescein-based sensors to purify human β -cells for functional and transcriptomic analyses. *eLife*, 12.

Fadzeyeva E, et al. (2023) Pancreas-derived DPP4 is not essential for glucose homeostasis under metabolic stress. *iScience*, 26(5), 106748.

Basile G, et al. (2023) Excess pancreatic elastase alters acinar- β cell communication by impairing the mechano-signaling and the PAR2 pathways. *Cell metabolism*, 35(7), 1242.

Hoang M, et al. (2022) Isoform-specific Roles of Prolyl Hydroxylases in the Regulation of Pancreatic β -Cell Function. *Endocrinology*, 163(1).

Casteels T, et al. (2022) SMNDC1 links chromatin remodeling and splicing to regulate pancreatic hormone expression. *Cell reports*, 40(9), 111288.

Shakya M, et al. (2022) The G209R mutant mouse as a model for human PCSK1 polyendocrinopathy. *Endocrinology*, 163(5).

Mimouni NEH, et al. (2021) Polycystic ovary syndrome is transmitted via a transgenerational epigenetic process. *Cell metabolism*, 33(3), 513.

Javeed N, et al. (2021) Pro-inflammatory β cell small extracellular vesicles induce β cell failure through activation of the CXCL10/CXCR3 axis in diabetes. *Cell reports*, 36(8), 109613.

Zhang X, et al. (2021) Amino acids-Rab1A-mTORC1 signaling controls whole-body glucose homeostasis. *Cell reports*, 34(11), 108830.